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WORLD HEADQUARTERS CANADA

Yorkville Sound

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U.S.A.

Yorkville Sound Inc.

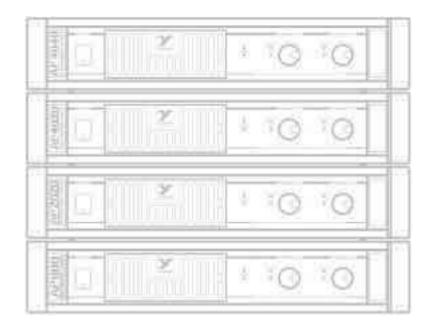
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Printed in Canada





SERVICE MANUAL

IMPORTANT SAFETY INSTRUCTIONS

This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Ce symbole d'éclair avec tête de flèche dans un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'un « voltage dangereux » non-isolé à proximité de l'enceinte du produit qui pourrait être d'ampleur suffisante pour présenter un risque de choque électrique.

CAUTION AVIS

RISK OF ELECTRIC SHOCK DO NOT OPEN RISQUE DE CHOC ELECTRIQUE **NE PAS OUVRIR**



The exclamation point within an equilatereal triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance



Le point d'exclamation à l'intérieur d'un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'instructions importantes dans la littérature accompagnant l'appareil en ce qui concerne l'opération et la maintenance de cet appareil.

FOLLOW ALL INSTRUCTIONS

Instructions pertaining to a risk of fire, electric shock, or injury to a person

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

THIS DEVICE IS FOR INDOOR USE ONLY!

Read Instructions: The Owner's Manual should be read and understood before operation of your unit. Please, save these instructions for future reference and heed all warnings

Clean only with dry cloth.

Packaging: Keep the box and packaging materials, in case the unit needs to be returned for service.

Warning: To reduce the risk or fire or electric shock, do not expose this apparatus to rain or moisture. Do not use this apparatus near water!

Warning: When using electric products, basic precautions should always be followed, including the following:

Power Sources

Your unit should be connected to a power source only of the voltage specified in the owners manual or as marked on the unit. This unit has a polarized plug. Do not use with an extension cord or receptacle unless the plug can be fully inserted. Precautions should be taken so that the grounding scheme on the unit is not defeated. An apparatus with CLASS I construction shall be connected to a Mains socket outlet with a protective earthing ground. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious personal injury and serious damage to the product. Use only with cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Follow the manufacturer's instructions when installing the product and use mounting accessories recommended by the manufacturer. Only use attachments/accessories specified by the manufacturer

Note: Prolonged use of headphones at a high volume may cause health damage on your ears.

The apparatus should not be exposed to dripping or splashing water; no objects filled with liquids should be placed on the apparatus.

Terminals marked with the "lightning bolt" are hazardous live; the external wiring connected to these terminals require installation by an instructed person or the use of ready made leads or cords.

Ensure that proper ventilation is provided around the appliance. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

Power Cord

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. The AC supply cord should be routed so that it is unlikely that it will be damaged. Protect the power cord from being walked on or pinched particularly at plugs. If the AC supply cord is damaged DO NOT OPERATE THE UNIT. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle. The mains plug of the power supply cord shall remain readily operable.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Service

The unit should be serviced only by qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

SUIVEZ TOUTES LES INSTRUCTIONS

Instructions relatives au risque de feu, choc électrique, ou blessures aux personnes

AVIS: AFIN DE REDUIRE LES RISQUE DE CHOC ELECTRIQUE, N'ENLEVEZ PAS LE COUVERT (OU LE PANNEAU ARRIERE)

NE CONTIENT AUCUNE PIECE REPARABLE PAR L'UTILISATEUR. CONSULTEZ UN TECHNICIEN QUALIFIE POUR L'ENTRETIENT CE PRODUIT EST POUR L'USAGE À L'INTÉREUR SEULEMENT

Veuillez Lire le Manuel: Il contient des informations qui devraient êtres comprises avant l'opération de votre appareil. Conservez. Gardez S.V.P. ces instructions pour consultations ultérieures et observez tous les avertissements

Nettovez seulement avec le tissu sec

Emballage: Conservez la boite au cas ou l'appareil devait être retourner pour réparation.

Avertissement: Pour réduire le risque de feu ou la décharge électrique, n'exposez pas cet appareil à la pluie ou à l'humidité. N'utilisez pas cet appareil près de l'eau!

Attention: Lors de l'utilisation de produits électrique, assurez-vous d'adhérer à des précautions de bases incluant celle qui suivent:

Alimentation

L'appareil ne doit être branché qu'à une source d'alimentation correspondant au voltage spécifié dans le manuel ou tel qu'indiqué sur l'appareil. Cet appareil est équipé d'une prise d'alimentation polarisée. Ne pas utiliser cet appareil avec un cordon de raccordement à moins qu'il soit possible d'insérer complètement les trois lames. Des précautions doivent êtres prises afin d'eviter que le système de mise à la terre de l'appareil ne soit désengagé. Un appareil construit selon les normes de CLASS I devrait être raccordé à une prise murale d'alimentation avec connexion intacte de mise à la masse. Lorsqu'une prise de branchement ou un coupleur d'appareils est utilisée comme dispositif de débranchement, ce dispositif de débranchement devra demeurer pleinement fonctionnel avec raccordement à la masse.

Risque

Ne pas placer cet appareil sur un chariot, un support, un trépied ou une table instables. L'appareil pourrait tomber et blesser quelqu'un ou subir des dommages importants. Utiliser seulement un chariot, un support, un trépied ou une table recommandés par le fabricant ou vendus avec le produit. Suivre les instructions du fabricant pour installer l'appareil et utiliser les accessoires recommandés par le fabricant. Utilisez seulement les attachements/accessoires indiqués par le fabricant

Note: L'utilisation prolongée des écouteurs à un volume élevé peut avoir des conséquences néfastes sur la santé sur vos oreilles.

Il convient de ne pas placer sur l'appareil de sources de flammes nues, telles que des bougies allumées.

L'appeil ne doit pas être exposé à des égouttements d'eau ou des éclaboussures et qu'aucun objet rempli de liquide tel que des vases ne doit être placé sur l'appareil.

Assurez que lappareil est fourni de la propre ventilation. Ne procédez pas à l'installation près de source de chaleur tels que radiateurs, registre de chaleur, fours ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.

Les dispositifs marqués d'une symbole "d'éclair" sont des parties dangereuses au toucher et que les câblages extérieurs connectés à ces dispositifs de connection extérieure doivent être effectivés par un opérateur formé ou en utilisant des cordons déjà préparés.

Cordon d'Alimentation

Ne pas enlever le dispositif de sécurité sur la prise polarisée ou la prise avec tige de mise à la masse du cordon d'alimentation. Une prise polarisée dispose de deux lames dont une plus large que l'autre. Une prise avec tige de mise à la masse dispose de deux lames en plus d'une troisième tige qui connecte à la masse. La lame plus large ou la tige de mise à la masse est prévu pour votre sécurité. La prise murale est désuète si elle n'est pas conçue pour accepter ce type de prise avec dispositif de sécurité. Dans ce cas, contactez un électricien pour faire remplacer la prise murale. Évitez d'endommager le cordon d'alimentation. Protégez le cordon d'alimentation. Assurezvous qu'on ne marche pas dessus et qu'on ne le pince pas en particulier aux prises. N'UTILISEZ PAS L'APPAREIL si le cordon d'alimentation est endommagé. Pour débrancher complètement cet appareil de l'alimentation CA principale, déconnectez le cordon d'alimentation de la prise d'alimentation murale. Le cordon d'alimentation du bloc d'alimentation de l'appareil doit demeurer pleinement fonctionnel.

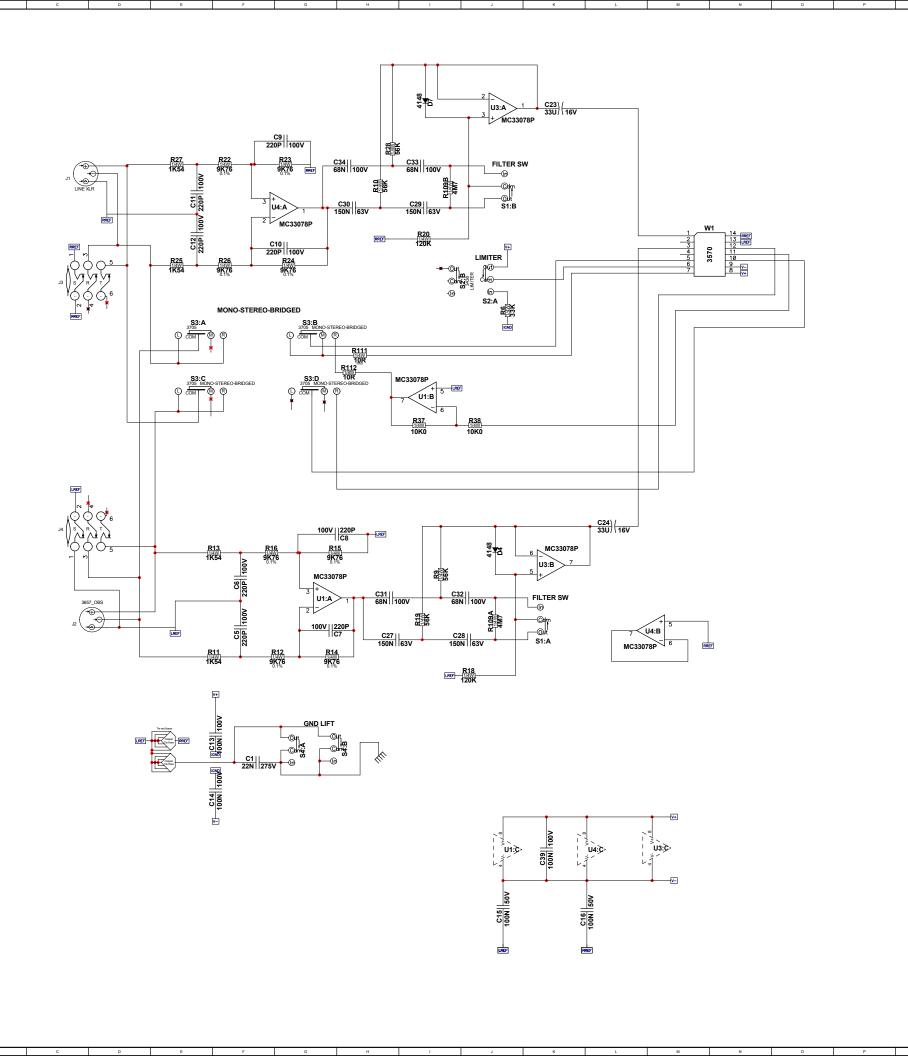
Débranchez cet appareil durant les orages ou si inutilisé pendant de longues périodes.

Service

Consultez un technicien qualifié pour l'entretien de votre appareil. L'entretien est nécessaire quand l'appareil a été endommagé de quelque façon que se soit. Par exemple si le cordon d'alimentation ou la prise du cordon sont endommagés, si il y a eu du liquide qui a été renversé à l'intérieur ou des objets sont tombés dans l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, si il ne fonctionne pas normalement, ou a été échappé.

AP2020 Parts List 11/9/2012

March Marc	YS#	Description	Qty.	YS#	Description	Qty.	YS#	Description	Qty.	YS#	Description	Qty.
Month	5906	RED 3MM LED 1V9 20MA.4SPCER T&R	3	3759	4UH COIL 14AWG ZOBEL VERTICAL	_	2033	1/6W 1K 2%FLAME PROOF T&R RES		8657	6-32 X 3/8" HEX SPACER ALUMINUM	1
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4524 _4K7 TRIM POT V 2 4821 1/4W 470R 5% T&R RES 2 3741 .5 SPACER ID-171 OD-25 #912-500 2 3606 12.00 AMP CIRCUIT BREAKER 1 4980 1/4W 470R 5%MINI T&R RES 16 3851 1/2 PCB PLASTIC SPACER 4												+-1
3606 12.00 AMP CIRCUIT BREAKER 1 4980 1/4W 470R 5%MINI T&R RES 16 3851 1/2 PCB PLASTIC SPACER 4												+
714 1.5 MIL X 36° CLEAR POLY SHEETING 4 5019 1/4W 620R 5%MINI T&R RES 2 3417 6-32 SCREW TERMINAL PC MNT SNAP-IN 1					1/4W 470R 5%MINI T&R RES		3851	1/2 PCB PLASTIC SPACER				
	714	1.5 MIL X 36" CLEAR POLY SHEETING	4	5019		2	3417	6-32 SCREW TERMINAL PC MNT SNAP-IN	1			



M1129 Database History M1129 Database History

AP2020 AP4020 AP4020 AP4040 AM1CE

VER# DESCRIPTION OF CHANGE

1.00 FIRST PRODUCTION

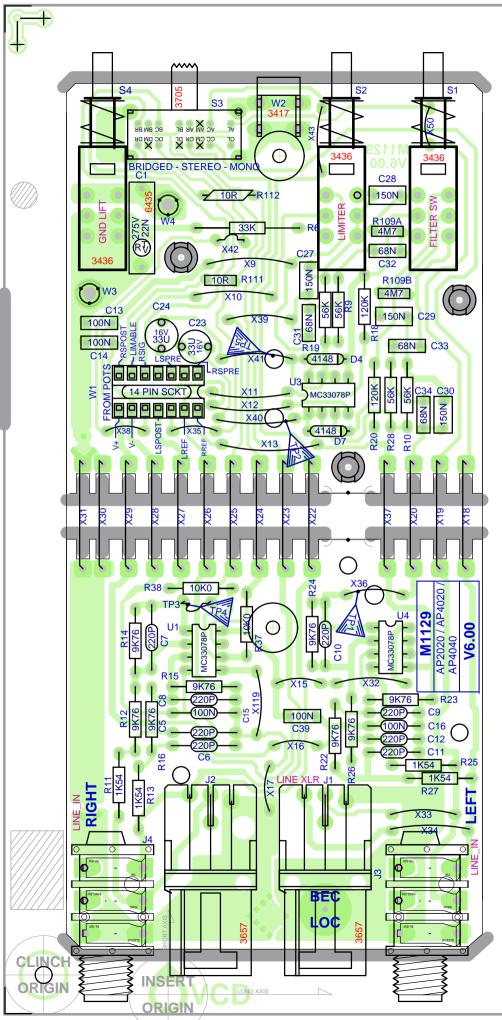
2.00 SWITCH HETS RREF WITH LREF AND RSPRE WITH
LSPRE AT 14 PIN CONNECTOR INPUT TO NONINVERTING
CHANGE C27, C29, C39, C30 TO 150N

3.00 P65695 PN 16-30 OF MC2 CONNECTED TO BRG SWT

4.01 PC646436 REPLAS2
4.10 PC646436 REPLAS2
5.00 PC66873 REDO SOLDERMASK
5.00 PC66873 REDO SOLDERMASK
5.00 PC66914:ADD TARGETS
V. N MODEL(S): # DATE 1 OCT/97 2 NOV/97 3 . M1129.sch_schematic-DATABASE_HISTORY MODEL(S):-AP4020 / AP4040 / AP2020 / AM1CE MODEL(S):
DATE
1 OCT/1997
2 NOV/12/97
3 DEC/2/97
4 APR/22/98
5 SEP/06/05
6 JUL/2005
7 D
9 D
10 D
11 D
12 D
13 D AP3020 / AP3040 / AP2020 / AWTOE

1.00 FIRST PRODUCTION
2.00 REVERSED INPUT POLARITY. MODIFIED FOR AP2020
2.10 PC#5694 ADD NETS BRPRTCT, LVGND-28 TO BRG SW
2.10 CONVERT TO PCAD2002
V V 2.10 2.20 3.00 V

{Drawing Number} PCB# M1129 Sheet 1 of 2 {Title} Yorkville Date: Tue May 02, 2006 Filename: M1129-6v00.sch2002



		M1129.	sch_schematic-DATABASE_HISTORY
M	ODEL(S):-	AP402	20 / AP4040 / AP2020 / AM1CE
#	DATE	VER#	DESCRIPTION OF CHANGE
1 2 3 4 5 6 7 8 9 10 11 12 13	OCT/1997 NOV/12/97 DEC/02/97 APR/22/98 SEP/06/01 JUL/2005 D D D D D	1.00 2.00 2.10 2.20 3.00 V V V V V	FIRST PRODUCTION REVERSED INPUT POLARITY. MODIFIED FOR AP2020 C27, C28, C29, C30 TO 150n PC#5694 ADD NETS BRPRTCT, LVGND-28 TO BRG SW DELETE R119 CONVERT TO PCAD2002 N N N N N N

	M1129 DRILL HISTORY				
M	MODEL(S):- AP2020/AP4020/AP4040/AM1CE				
#	DATE	VER#	DESCRIPTION OF CHANGE		
1 2 3 4 5 6	APR-03-2003 AUG-15-2005 D D D D	V06 V07 V V V V	N CONVERT TO PCAD2002 N N N		

			M1129 Database History	
M	ODEL(S):-	AP20	20 AP4020 AP4040 AM1CE	
#	DATE	VER#	DESCRIPTION OF CHANGE	
1234567891112 13	OCT/97 NOV/97 DEC/02/97 APR/16/98 JUL/01/98 SEP/06/01 APR/15/05 JUL/2005 AUG-15-2005 D D	1.00 2.00 3.00 4.00 4.10 5.00 6.00 V	FIRST PRODUCTION SWITCH NETS RREF WITH LREF AND RSPRE WITH LSPRE AT 14 PIN CONNECTOR. INPUT TO NONINVERT CHANGE C27, C29, C28, C30 TO 150N PC#5694 PINS 10-12 OF MC2 CONNECTED TO BRG SW ISOLATE PIN OF S3 PC#6436 REPLACE R119 (10K0) WITH JUMPER X119 PC#6873 REDO SOLDERMASK CONVERT TO PCAD2002, PC#6944:ROUTE GAUGE, PC#6914:ADD TARGETS N N	ΓING /T

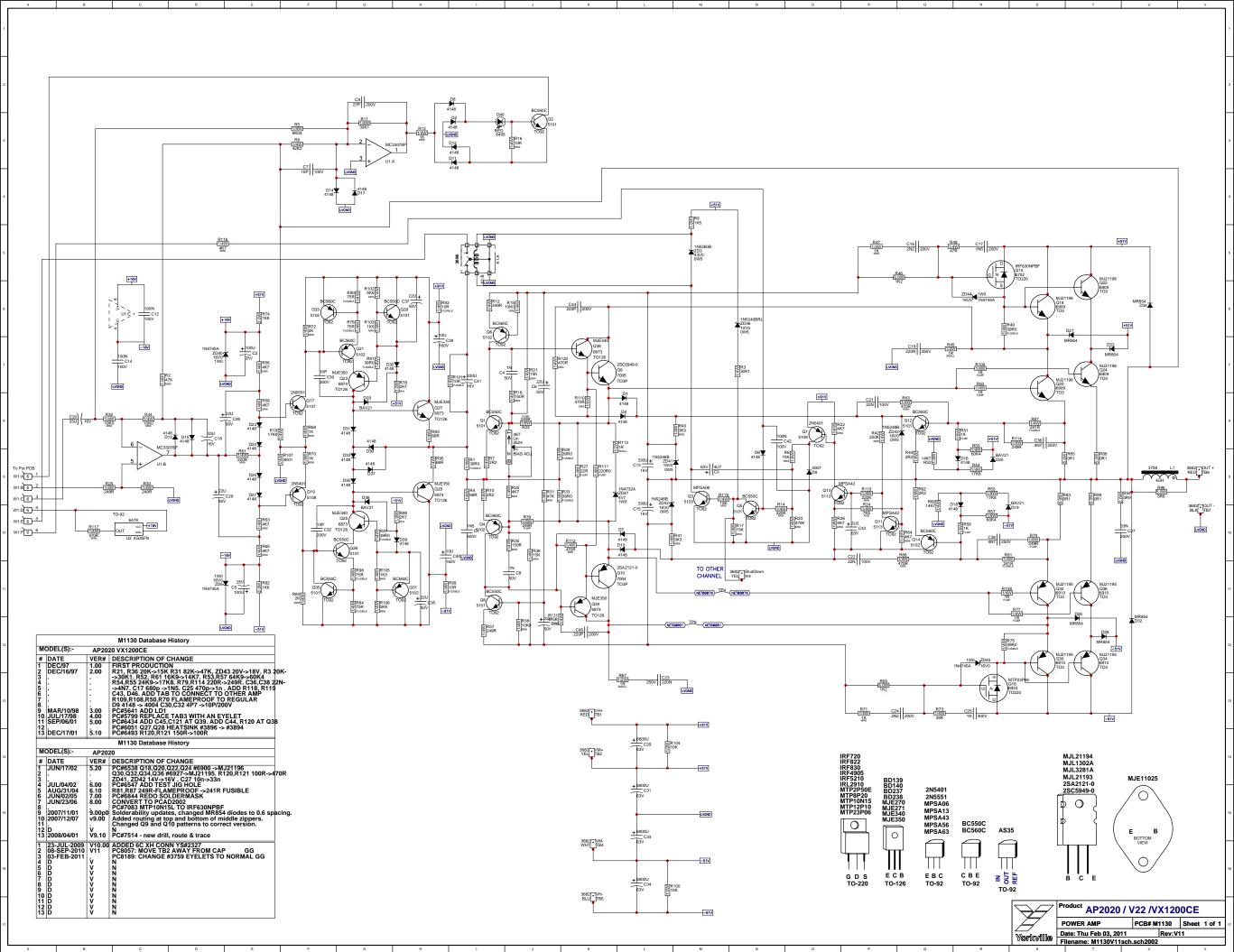
		M1129 PENDING CHANGES			
M	MODEL(S):- AP2020/AP4020/AP4040/AM1CE				
#	PC#	PENDING CHANGE			
1	PC	X			
2 3	PC PC	X			
4	PC	l x̂			
5	PČ	X			
6	IPC	X			

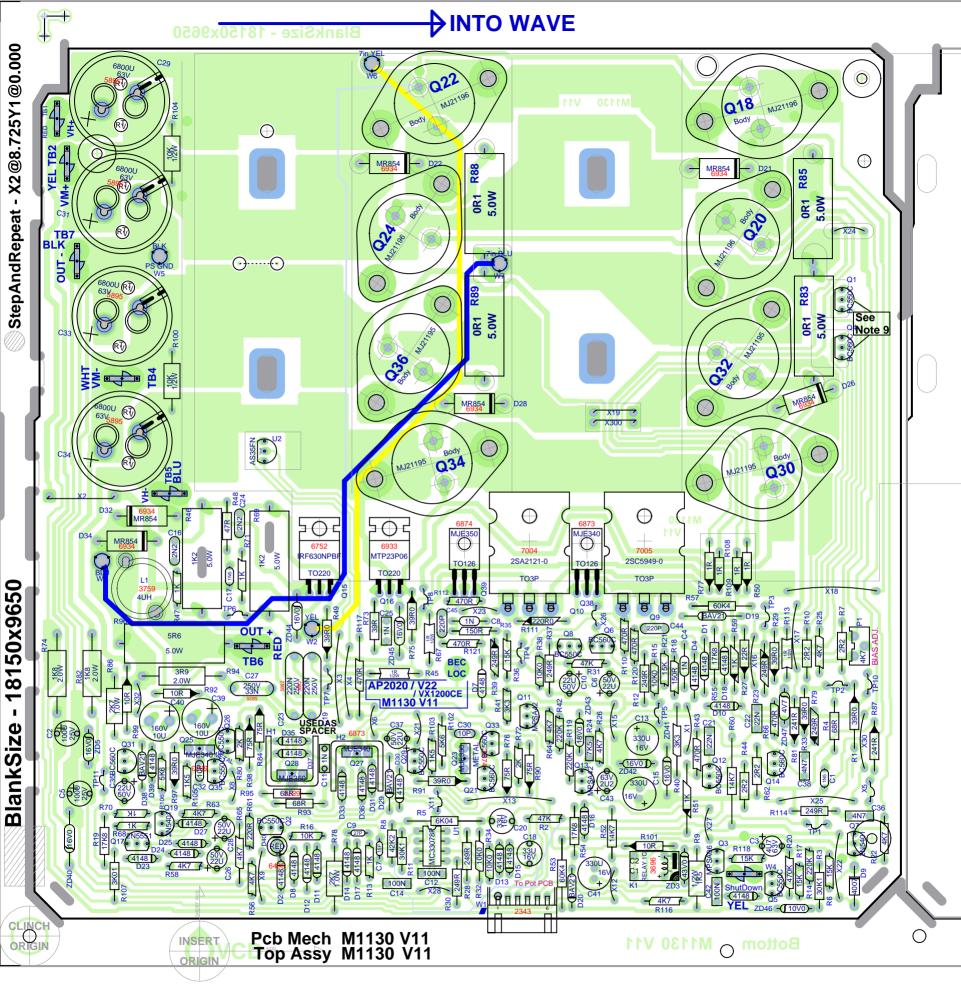
*PLACE IMPLEMENTED CHANGES INTO BOARD HISTORY

M1129 PRODUCTION NOTES

1 FOR XLR #3657 USE SCREW PT#8829 UP THROUGH THE BOTTOM 2 FOR M1129B VX1200/2400/J/2402 DO NOT STUFF X40 AND X41

ADD WIRES IN BOARD ASSEMBLY

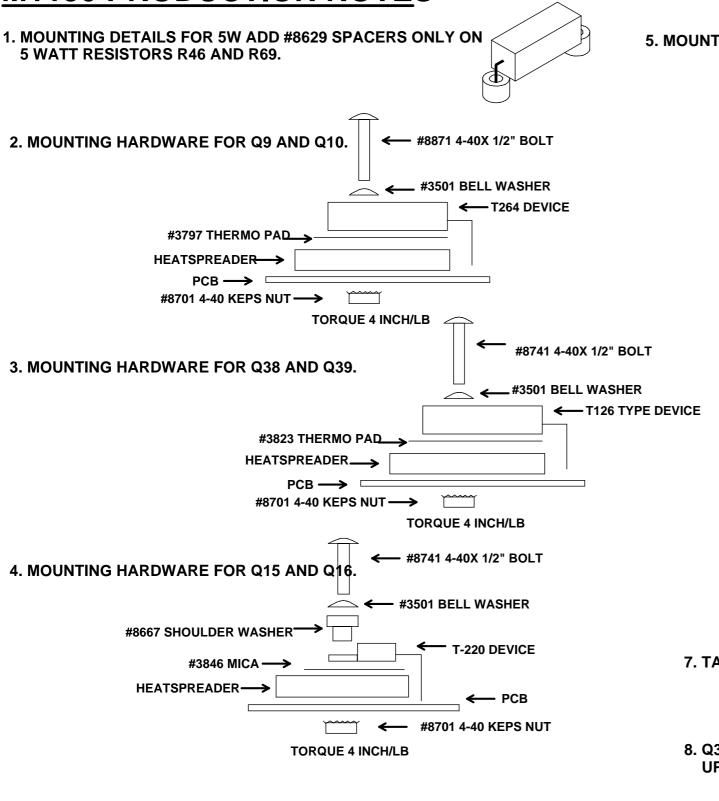








M1130 PRODUCTION NOTES



5. MOUNTING HARDWARE FOR TO3 OUTPUTS

TO-3 TRANSISTOR

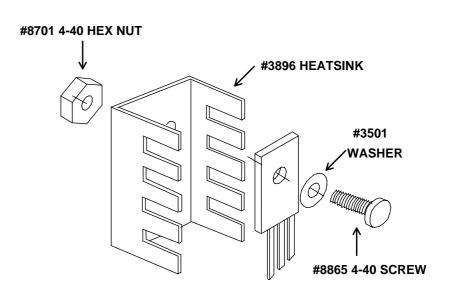
#3915 MICA
MICA GREASE IS REQUIRED ON
BOTH SIDES OF THE MICA PAD

#8663 SPACER

#8800 6-32 KEPS NUT

INITIAL TORQUE FOR TO-3'S IS 8 INCH/LB
FINAL TORQUE AFTER HEATSINK HAS
COOLED FROM WAVE SOLDER IS 6 INCH/LB

6. MOUNTING HARDWARE FOR Q28 AND Q37.



7. TAB WIRE COLOURS: TAB 1 RED 16AWG TAB 2 YEL 16AWG TAB 4 WHT 16AWG TAB 5 BLU 16AWG

TAB 6 OUTPUT + TAB 7 OUTPUT -

8. Q37 IS HAND INSERTED AND BENT OVER WITH FLAT SIDE UP AS SHOWN.

9. Q1 AND Q4 ARE HAND INSERTED.

10. PCBSA: BREAK OUT BOARD BEFORE TESTING.

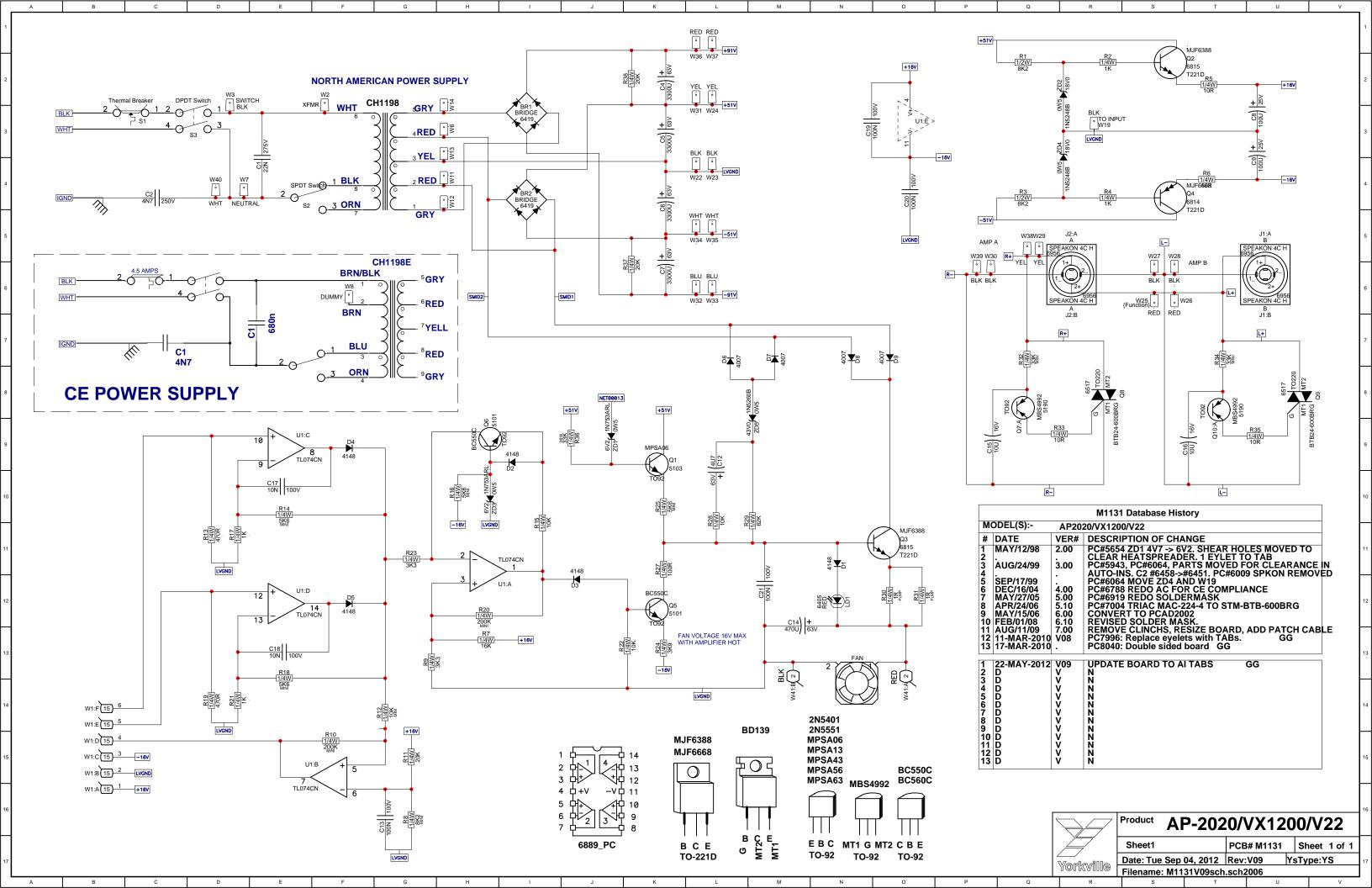


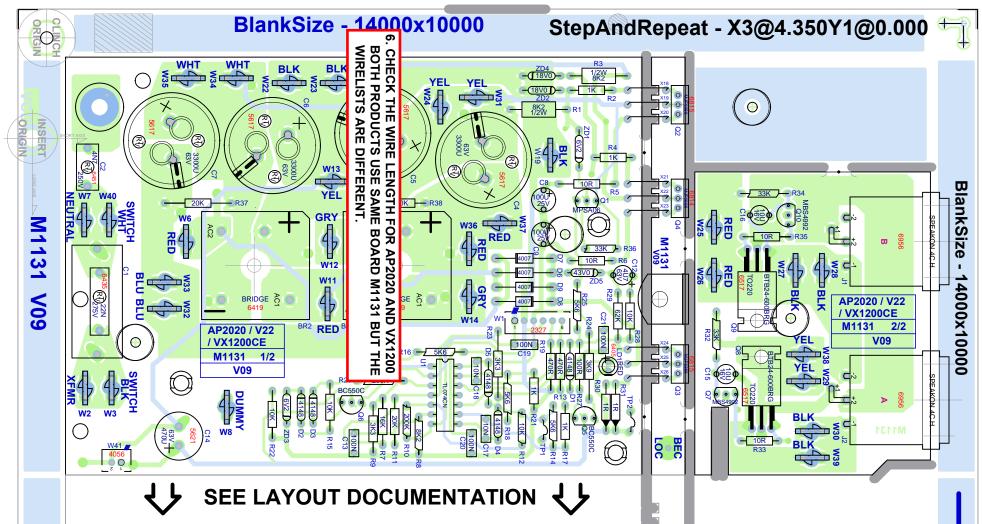


		7 Г	•		_A i U	אוט וטי	KGRAIN	
		M1130 Database History						
MODEL(S):-	AP20	20 / V22 / VX1200CE						
# DATE	VER#	DESCRIPTION OF CHANGE						
1 DEC/97 2 DEC/16/97 3 . 4 . 5 . 6 . 7 . 8 . 9 MAR/10/98 10 JUL/17/98 11 SEP/06/01 12 . 13 DEC/17/01	1.00 2.00 3.00 4.00 5.00	FIRST PRODUCTION R21, R36 20K->15K R31 82K->47K, ZD43 20V->18V. I ->30K1. R52, R61 16K9->14K7. R53,R57 64K9->60K4 R54,R55 24K9->17K8. R79,R114 220R->249R. C36,C3 ->4N7. C17 680p ->1N5. C25 470p->1n . ADD R118, R C43, D46. ADD TAB TO CONNECT TO OTHER AMP R109,R108,R50,R70 FLAMEPROOF TO REGULAR D9 4148 -> 4004 C30,C32 4P7 ->10P/200V PC#5641 ADD LD1 PC#5799 REPLACE TAB3 WITH AN EYELET PC#6434 ADD C45,C121 AT Q39. ADD C44, R120 AT PC#6051 Q27,Q28 HEATSINK #3896 -> #3894 PC#6493 R120,R121 150R->100R	88 22N- 119	A033	BC550C BC560C	2SA2121-0 2SC5949-0	MJ21195 MJ21196	
		M1130 Database History			l		B E BOTTOM	
MODEL(S):-	AP20	20 / V22 / VX1200CE					VIEW	
# DATE	VER#	DESCRIPTION OF CHANGE					/	
1 JUN/17/02 2 . 3 . 4 JUL/04/02 5 AUG/31/04 6 JUN/02/05 7 JUN/23/06 8 . 9 2007/11/01 10 2007/12/07 11 . 12 2008/MAR/11 13 2008/04/01	V9.10	PC#6538 Q18,Q20,Q22,Q24 #6900 ->MJ21196 Q30,Q32,Q34,Q36 #6927->MJ21195. R120,R121 100F ZD41, ZD42 14V->16V . C27 10n->33n PC#6547 ADD TEST JIG HOLE R81,R87 249R-FLAMEPROOF ->241R FUSIBLE PC#6844 REDO SOLDERMASK CONVERT TO PCAD2002 PC#7083 MTP10N15L TO IRF630NPBF Solderability updates, changed MR854 diodes to 0.6 Added routing at top and bottom of middle zippers. Changed Q9 and Q10 patterns to correct version. PC#7076, REPLACE #6989 & #6990 WITH #7004 & #7 PC#7514 - new drill, route & trace	" spaci				MODEL(S):- # DATE	
1 23-JUL-2009 2 08-SEP-2010 3 03-FEB-2011 4 D 5 D 6 D 7 D 8 D 9 D 10 D 11 D 12 D 13 D	V11	ADDED 6C XH CONN YS#2327 PC8057: MOVE TB2 AWAY FROM CAP GG PC8189: CHANGE #3759 EYELETS TO NORMAL GG N N N N N N N N N N N N N N N N N N					1 2007/12/07 2 . 3 2008/04/01 4 2009/07/23 5 D 6 D 7 D 8 D 9 D 10 D 11 D 12 D 13 D	> .>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

MJ21195 MJ21196 B E BOTTOM VIEW	2N5401 2N5551 MPSA06 MPSA13 MPSA56 MPSA63 E B C TO-92	BD139 BD140 BD237 BD238 MJE270 MJE340 MJE350 E C B	IRF720 IRF822 IRF830 IRF4905 IRF5210 IRL2910 MTP2P50E MTP8P20 MTP10N15L MTP12P10 MTP23P06

			M1130 Drilling History	
M	ODEL(S):-	AP20	20 / V22 / VX1200CE	
#	DATE	VER#	DESCRIPTION OF CHANGE	
1 2	2007/12/07	v13	Added routing to zipper. Deleted extra break holes in m Moved pads for Q9 and Q10 down 0.075in.	iddl
3 4	2008/04/01 2009/07/23	V14 V15	Moved pads for Q9 and Q10 down 0.075in. PC#7514 - moved routing on back side edges. Added scores and revised routing.	
5 6	D D	V V	N N	
7 R	B	V	N N	
9 10	D D	Į V	N N	
11	D	ľ	N	
12 13		V	N N	



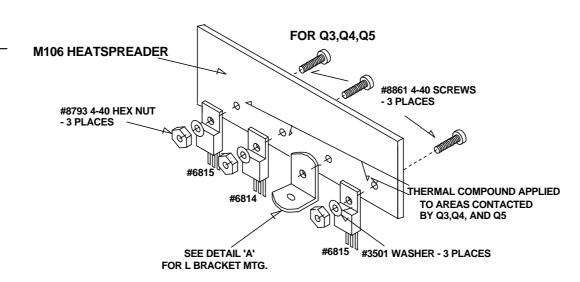




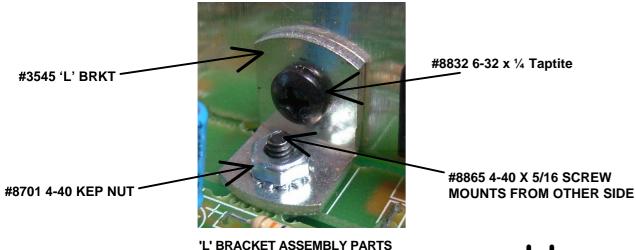
1

M1131 AP2020/VX1200/V22 M1131 V09 PRODUCTION NOTES:

- 1. DO NOT CUT CENTER LEAD OF THE TRIACS BEND THE LEAD (UNCUT) ALONG THE TRACE AND SOLDER
- 2. SEE DETAIL 'A' BEFORE MOUNTING L BRACKET
- 3. FOR C1 USE 22N FOR NORTH AMERICAN AND 680N FOR EURO/CE
- 4. Q8,Q9 USE #8799 SELF TAPPING SCREW
- 5. Q2,Q3,Q4 BEND THE LEADS (UNCUT)
 ALONG THE TRACE



DETAIL 'A' - L BRACKET ASSY



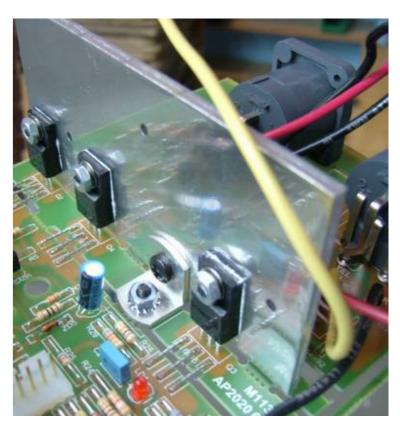


4-40 screw shown from other side of pcb



SEE M1131 HISTORY TABLES





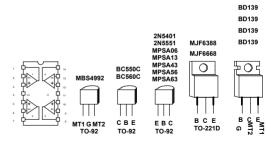
ASSEMBLED HEAT SPREADER SHOWN

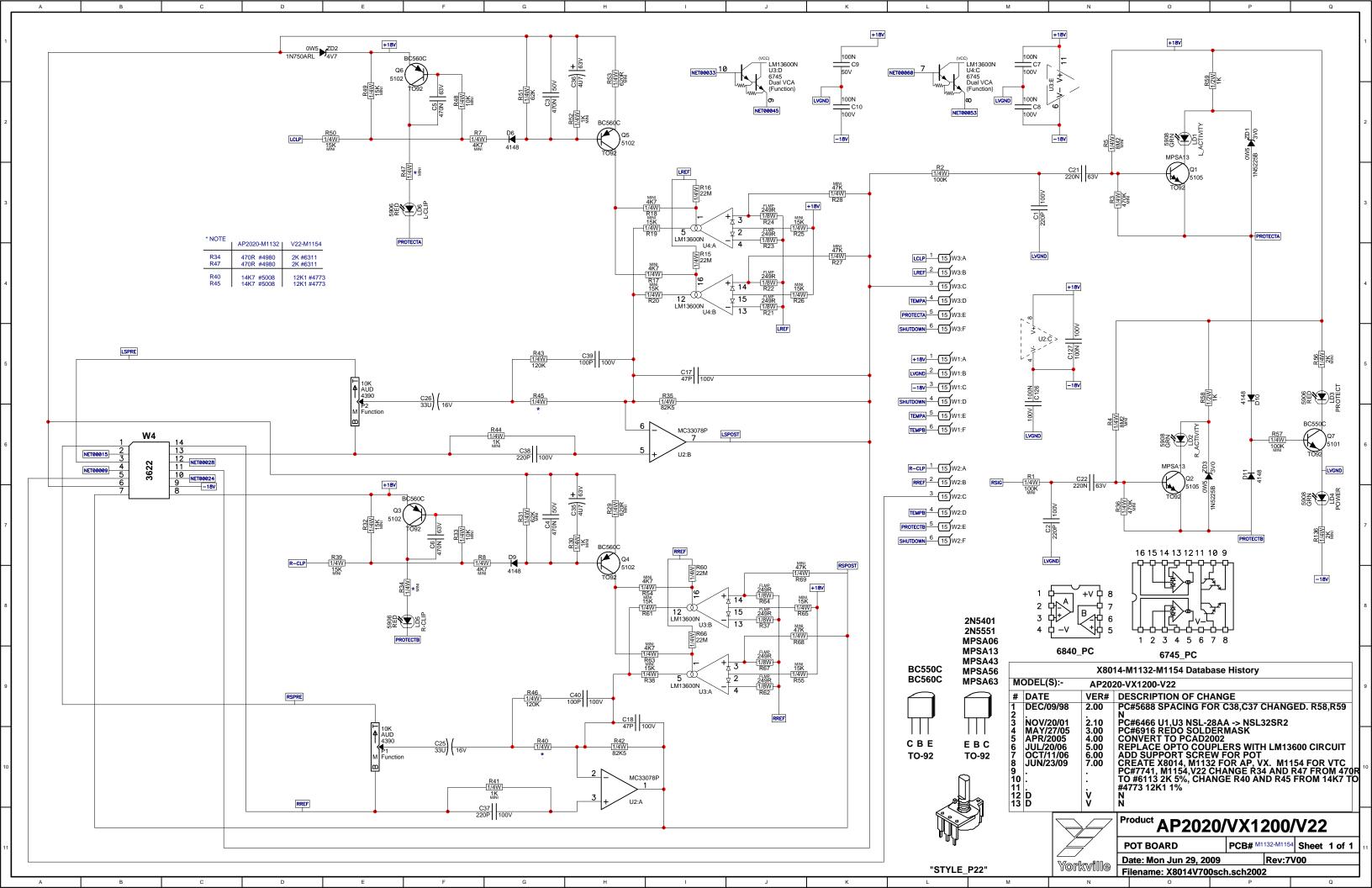
SEE M1131 PRODUCTION NOTES 1

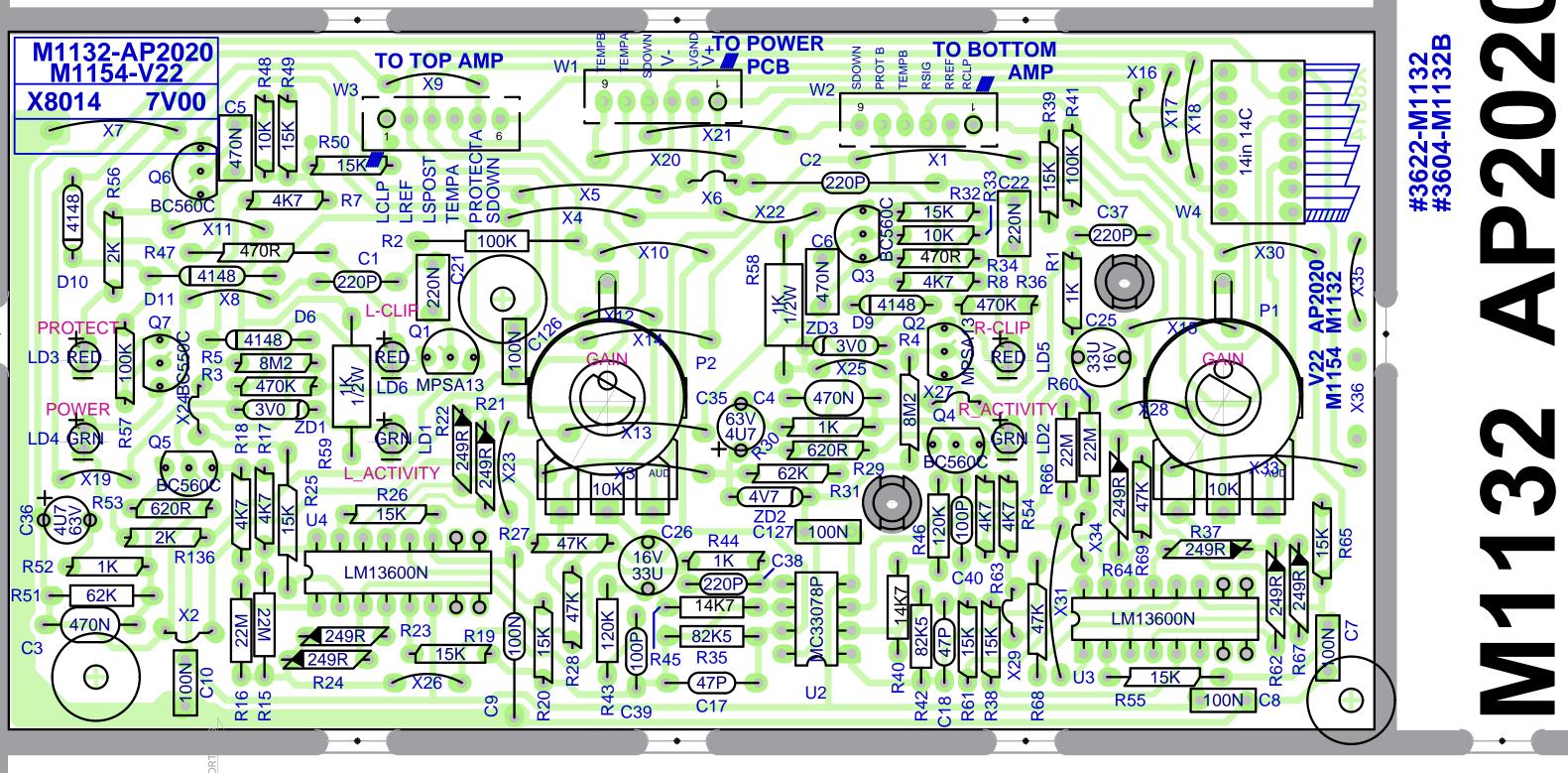
_				
			M1131 Database History	
MC	DDEL(S):-	AP20:	20/VX1200/V22	
#	DATE	VER#	DESCRIPTION OF CHANGE	
1	MAY/12/98	2.00	PC#5654 ZD1 4V7 -> 6V2. SHEAR HOLES MOVED TO	
1 2 3 4	AUG/24/99	3.00	CLEAR HEATSPREADER. 1 EYLET TO TAB PC#5943 PC#6064 PARTS MOVED FOR CLEARANCE I	N
4			PC#5943, PC#6064, PARTS MOVED FOR CLEARANCE AUTO-INS. C2 #6458->#6451. PC#6009 SPKON REMOVE	ËĊ
5	SEP/17/99 DEC/16/04	4.00	PC#6064 MOVE ZD4 AND W19 PC#6788 REDO AC FOR CE COMPLIANCE	
7	MAY/27/05	5.00	PC#6788 REDO AC FOR CE COMPLIANCE	
5 6 7 8 9	APR/24/06	5.10	PC#7004 TRIAC MAC-224-4 TO STM-BTB-600BRG	
	MAY/15/06 FEB/01/08	6.00 6.10	CONVERT TO PCAD2002	
10	AUG/11/09	7.00	REVISED SOLDER MASK. REMOVE CLINCHS, RESIZE BOARD, ADD PATCH CABI	LE
12	11-MAR-2010	V08	PC7996: Replace eyelets with TABs. GG PC8040: Double sided board GG	
13	17-MAR-2010			
1	22-MAY-2012	V09 V	UPDATE BOARD TO AI TABS GG	
14	D	v	N N	
4	D	V	Ň	
5	0000	V	N N	
17	Б	v	N	
8	D	v	Ň	
1 2 3 4 5 6 7 8 9 10	D	V	N N	
111	D	v	Ñ	
12	D	V V	N .	
13	D	V	N	

			M1131 Drilling History
M	ODEL(S):-	AP202	20/VX1200/V22
#	DATE	VER#	DESCRIPTION OF CHANGE
12345678911123	FEB/01/08 AUG/11/09 D D D D D D D D D D D	13 14 >> >> >> >>	REVISED AS A RESULT OF FORCE UPDATE. N N N N N N N N N N N N N N N N N N N

PIN CONFIGURATION





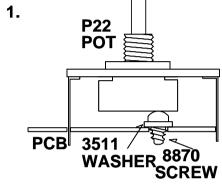


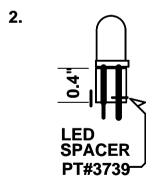


StepAndRepeat - X2@7.000Y3@3.100 BlankSize - 14000x11000



PRODUCTION NOTES M1132 AP2020 M1132B VX1200





- 3. ADD A STICKER OVER THE LEGEND "M1132B" TO AID IN IDENTIFYING VX1200 BOARDS.
- 4. FOR M1132 USE #3622 CABLE FOR M1132B USE #3604 CABLE



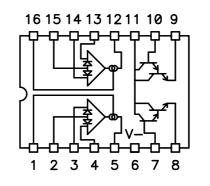


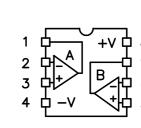
		X80	14-M1132-M1154 Database History	
M	ODEL(S):-	AP20	20-VX1200-V22	
#	DATE	VER#	DESCRIPTION OF CHANGE	
		2.00 2.10 3.00 4.00 5.00 6.00 7.00	PC#5688 SPACING FOR C38,C37 CHANGED. R58,R59 SPACING TO .6" FOR 1/2W. ADD POT SUPPORT SCRE PC#6466 U1,U3 NSL-28AA -> NSL32SR2 PC#6916 REDO SOLDERMASK CONVERT TO PCAD2002 REPLACE OPTO COUPLERS WITH LM13600 CIRCUIT ADD SUPPORT SCREW FOR POT CREATE X8014, M1132 FOR AP, VX. M1154 FOR VTC PC#7741, M1154,V22 CHANGE R34 AND R47 FROM 470 TO #6113 2K 5%, CHANGE R40 AND R45 FROM 14K7 T #4773 12K1 1% N	34 56 *

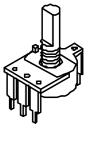
	X8014-M1132-M1154 PENDING CHANGES
ODEL(S):-	AP2020-VX1200-V22
PC#	PENDING CHANGE
PC	X
PC PC	X
PČ	X
PC	X
	PC PC PC PC PC PC PC

*PLACE IMPLEMENTED CHANGES INTO BOARD HISTORY

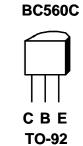
PIN CONFIGURATION







"STYLE_P22"



BC550C



